

Converting Colors

Hex(846A76)

Have a look what the booklet for
Hex(846A76) contains.

Hex(846A76)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(846A76)

Conversions

Conversions Part 1

Format	Color
Hex	846A76
RGB	132, 106, 118
RGB Percent	52%, 42%, 46%
CMY	0.4824, 0.5843, 0.5373
CMYK	0.00, 0.20, 0.11, 0.48
HSL	332°, 11%, 47%
HSV	332°, 20%, 52%
XYZ	17.9398, 16.5216, 19.3830
YIQ	115.1420, 11.6440, 9.2440

Conversions

Conversions Part 2

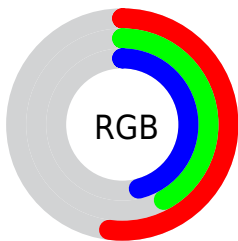
Format	Color
R_{YB}	132, 106, 118
Decimal	8678006
CIE _{Lab}	47.65, 12.45, -2.76
CIE _{LCh}	48, 12.754, 347.484
Yxy	16.5216, 0.3332, 0.3068
Android (android.graphics.Color)	4286868086 (0xFF846A76)
YUV	115.1420, 1.4090, 14.7845
Hunter-Lab	40.6468, 7.6505, 0.1795

Details

The Hex color **846A76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A8478**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B99DAA**, and **523B46** is the 20% darker color. If you saturate the color by 10%, you get **845D6F**, and if you desaturate by 10%, it is **84777D**.

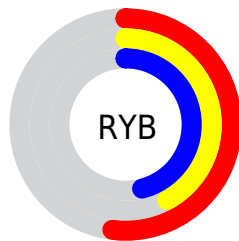
Distribution



Red (52%)

Green (42%)

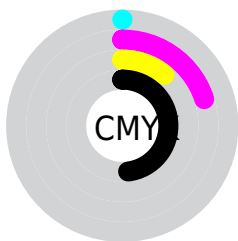
Blue (46%)



Red (52%)

Yellow (42%)

Blue (46%)

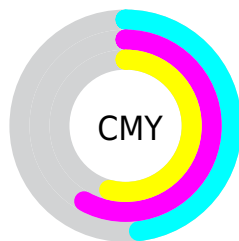


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (48%)



Cyan (48%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 846A76 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 846A76 by changing the saturation by 10% instead.



846A76



846A76

FFFFFF



6B525D



B99DAA



523B46



D5B8C5



3B252F



F2D4E1



25101B



FFF0FE



060000



000000



846A76



846A76



845D6F



84777D



845068



848484

844261

84928B

84355A

849F92

842852

84AC9A

841B4B

84B9A1

840E44

84C6A8

84003D

84D4AF

84E1B6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7B6C80



846A76



886A6B

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



846A76



73725D



567680

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



846A76



6A8478

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



557777



846A76



667562

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



846A76



7E6F5C



5B776C



607386

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



846A76



876B64



5B776C



55777E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



846A76



ABA1A5



786A84



575153



D6D6D6



575757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



846A76



AB8295



846B6A



423C3F



82003C



030001

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



846A76



AB8295



6A8384



423C3F



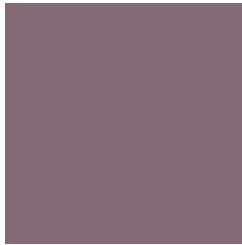
82003C



030001

Previews

White Background



This preview shows how the Hex color 846A76 looks on a white background.

Color Contrast Check

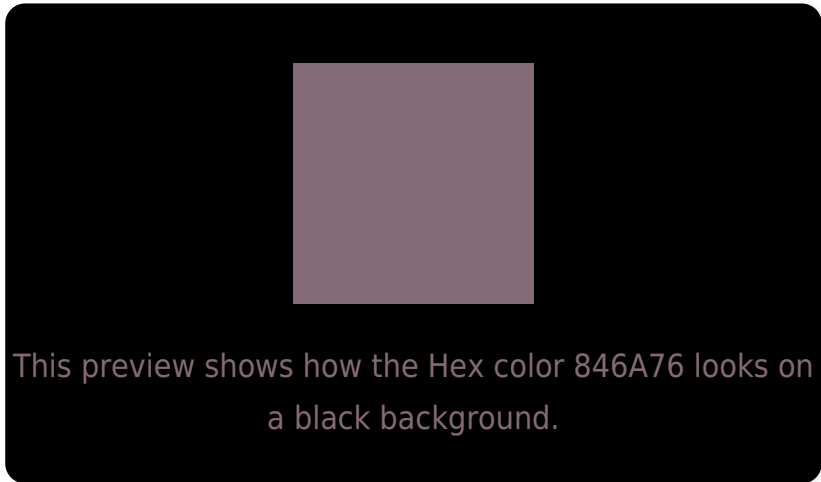
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

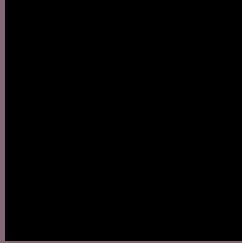
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 846A76 Background



This preview shows how black text looks on a background with the Hex color 846A76.



This preview shows how white text looks on a background with the Hex color 846A76.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
846A76

Protanopia
71717A

Deuteranopia
7A6E75



Tritanopia
846B73

Trichromacy



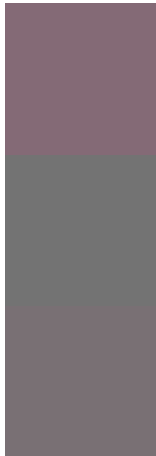
Original Color
846A76

Protanomaly
786E79

Deuteranomaly
7E6D75

Tritanomaly
846B74

Monochromacy



Original Color
846A76

Achromatopsia
737373

Achromatomaly
797074

CSS Examples

Text

The CSS property to change the color of the text to Hex 846A76 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #846A76 looks like.

```
.text, #text, p{  
    color:#846A76  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #846A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846A76
}
```

Border

The CSS property to change the border of an element to Hex 846A76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

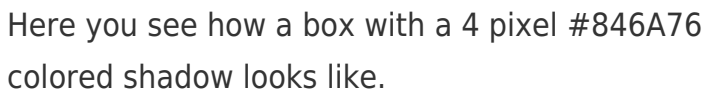
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846A76 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#846A76 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #846A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846A76; -webkit-box-shadow:4px 4px  
4px 4px #846A76; box-shadow:4px 4px 4px  
4px #846A76 }
```

Background

The CSS property to change the background color of an element to Hex 846A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846A76 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#846A76 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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